

Date of report submission: 5/1/2017

Name of School/College: Lake Erie College of Osteopathic Medicine (LECOM)

School of Pharmacy

Chapter name and region: Gamma Tau Chapter (Erie, PA & Bradenton, FL), Region II

Chapter advisor’s name and e-mail address:

Erie Campus: Dr. Janene Madras (jmadras@lecom.edu)

Dr. Kimberly Burns (kburns@lecom.edu)

Bradenton Campus: Dr. Nina Pavuluri (npavuluri@lecom.edu)

Dr. Rinita Vaishnav (rvaishnav@lecom.edu)

Delegate who attended the Rho Chi Annual Meeting: Dr. Benjamin Vroman

Date delegate name submitted to Rho Chi: February 28, 2017

Past Year’s officers and e-mail addresses:

Erie campus (until January 7, 2017):

President: Monique Hart (monique.hart@rx.lecom.edu)

Vice President: Emily Petrak (emily.petrak@rx.lecom.edu)

Secretary: Kayla Mumaw (kayla.mumaw@rx.lecom.edu)

Treasurer: Holly Caldwell (holly.caldwell@rx.lecom.edu)

Historian: Sara Harstad (sara.harstad@rx.lecom.edu)

Bradenton campus: President: Neda Kalali (neda.kalali@rx.lecom.edu)

Vice President: Kenny Navarrete (kenny.navarrete@rx.lecom.edu)

Secretary: Monica Garcia (monica.garcia@rx.lecom.edu)

Treasurer: Anthony Kayat (anthony.kayat@rx.lecom.edu)

Historian: Monica Garcia (monica.garcia@rx.lecom.edu)

New officers and e-mail addresses for next academic year:

Erie campus (January 7, 2017-Present):

President: Hayden Hayward (hhayward58963@rx.lecom.edu)

Vice President: Keturah Weaver (kweaver30030@rx.lecom.edu)

Secretary: Neely Polo (npolo64963@rx.lecom.edu)

Treasurer: Sundeap Rao (srao49949@rx.lecom.edu)

Historian: Miranda Dzurko (mdzurko48924@rx.lecom.edu)

Bradenton campus: Election anticipated to be held August 2017

Number of Rho Chi student members at college or school, listed by class year and program:

Erie campus: Class of 2017: 29 Members; Class of 2018: 21 Members

Bradenton campus: Class of 2017: 28 Members; Class of 2018: 25 Members

**Meetings (Erie campus1****and Bradenton campus2)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Attendance** | **Agenda** | **Action Steps** |
| 10/13/15 | 21 Members and Advisors1 | * Welcome * Rho Chi Mission, officer positions, and executive board officer elections * Goals for upcoming year * Service events and fundraising activities and appointed leaders * Current funding * APhA meeting in Baltimore for the Rho Chi Annual Meeting * Tutoring service | * Set up the Cookies with Santa service event * Contacted the Save Around company to begin the Go Erie coupon book fundraiser * Brainstormed additional fundraising ideas |
| 11/3/15 | 21 Members and Advisors1 | * Induction ceremony (1/9/2016) * Cookies with Santa service event * Coupon book fundraiser * Tutoring service * World’s AIDs Day event member sign-up (two members requested) | * Members signed up to lead fall tutoring sessions |
| 1/15/16 | 21 Members and Advisors1 | * Cookies with Santa service event outcome * Coupon book fundraiser outcome * Tutoring service success and improvement * Script Your Future event planning * Budget and fundraising expectations (update report) | * Members signed up to lead spring tutoring sessions * Contact Life Works Erie and gather supplies from the Script Your Future coordinator for the event * Brainstormed additional fundraising ideas |
| 3/31/16 | 21 Members and Advisors1 | * Script Your Future Life Works Health Fair outcome * Rho Chi Annual Meeting report from attendee * Additional fundraising ideas * Hidden in Plain Sight service event (May) * Tutoring service success and improvement * Induction ceremony for next year | * Members signed up for the Hidden in Plain Sight service event * Contacted Chick-Fil-A to plan fundraiser |
| 7/7/16 | 21 Members and Advisors1 | * Hidden in Plain Sight service event outcome * Implementation and vote on a Rho Chi fee for new members * Budget and additional fundraising * Tutoring service feedback * Induction ceremony (1/7/2017): member sign-up request | * Collected a $25 Rho Chi fee from current members in order to reach our goal for expected fundraising |
| 10/13/16 | 21 Members and Advisors1 | * Welcome * Rho Chi Mission, officer positions, and executive board officer elections * Goals for upcoming year * Service events and fundraising activities and appointed leaders * Current funding * APhA meeting in Baltimore for the Rho Chi Annual Meeting * Tutoring service | * Set up the Cookies with Santa service event * Discussed ideas for maximizing efficiency of tutoring sessions * Contacted the Director of Student Affairs to extend the date of the Save Around Fundraiser * Brainstormed additional fundraising ideas |
| 11/8/16 | 21 Members and Advisors1 | * Induction ceremony (1/9/2016) * Cookies with Santa service event * Coupon book fundraiser * Tutoring service | * Members signed up for Cookies with Santa event * Members signed up for fall tutoring sessions |
| 1/9/17 | 21 Members and Advisors1 | * Tutoring service planning to optimize efficiency * Script Your Future (February) * Cookies with Santa event * Coupon book fundraiser * Fundraising ideas | * Members signed up for tutoring sessions in the spring * Contacted LifeWorks Erie regarding health fair * Gathered Script Your Future materials |
| 3/9/17 | 21 Members and Advisors1 | * Rho Chi Annual Meeting * Chick-Fil-A fundraiser (April) * T-shirt fundraiser (summer) * Service event with the Erie Department of Health (summer) | * Contacted Chick-Fil-A about fundraiser * Open discussion about design for t-shirts |
| 1/31/17 | 20 Members  and Advisor2 | * Goals for upcoming year * Tutoring program development strategy * Fundraising activity options * Script Your Future outreach event | * Established the framework for a tutoring program coined “Rho Chi Study Hall Sessions”: pro bono tutoring session alongside Rho Chi members for the current P1, P2, and P3 classes for both the Bradenton campus and online * Established a tutoring requirement of 5 hours per semester for every Rho Chi member after induction * Created Google document tutoring session member sign-ups * Set up a fundraiser to sell the UNC Pocket Guides Reference book |
| 2/9/17 | Officers and Advisor2 | * UNC pocket guide fundraiser * Sanford Guide fundraiser * Tutoring service implementation | * Set up the fundraiser to take pre-orders for the newest 2017 edition of The Sanford to Antimicrobial Therapy pocket guide and as well as the Sanford Guide digital applications (e.g., Sanford Guide app, Sanford Guide Collection app) * Updated Google document for members to sign up for tutoring sessions |

**Strategic Planning**

The Rho Chi Society aims to pursue intellectual excellence and critical inquiry in order to advance the profession of pharmacy. Our goals for the upcoming year revolve around fostering fellowship, becoming a community of scholars, and promoting the advancement of pharmacy through encouragement of sound scholarship. Our chapter will continue to volunteer at community events, encouraging high standards of conduct and character. We are also dedicated to increasing our fundraising efforts for charitable causes. In addition, we will continue to be advocates for medication adherence and patient health education through community outreach events. This year we will continue the tutoring service for our peers and look forward to further expanding our tutoring efforts. This tutoring service will encourage intellectual achievement and help establish us as lifelong intellectual leaders in pharmacy.

Challenging students academically is of high importance. We pride ourselves on following the Rho Chi mission statement, which is to promote intellectual leaders. Not only do we evolve ourselves as members of Rho Chi, but we also test the abilities of the students all around us. As well, collaboration is the key to promoting intellectual leaders. Learning is powerful when it comes from a professor and it means even more coming from one’s peer. In our activities, we promote the union amongst classes and through layered learning show the foundation of a first-year student and the progression of a third-year student. This not only strengthens the students’ intellect, but it also shows the relevancy of each class and that there is a purpose to each lesson learned.

**Activities**

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| **Gamma Tau Chapter, LECOM School of Pharmacy Activity Table: Erie campus (2015-2017)** | | | | | | | | |
| Category of Activity | Title of Activity | Brief Description | How Does This Activity Align With the Rho Chi Mission Statement? | Years the Activity has Been Ongoing? | If Activity has Been Ongoing for >1 Year, What Evaluations Have Been Done to Assess the Success of the Activity and What Improvements Have Been Done Over the Past Year? | How Many Members Participated in the Activity? | How Many Students (non-members) and/or Patients were impacted by the Activity? | Financial Information for the Activity [Budget Required, Fundraising Amount] |
| Intellectual Leadership Activities | Rho Chi Member Led Tutoring Service 11/30/15-4/11/17 | Tutoring service: anatomy, physiology, pharmacotherapy, pharmacology, and medicinal chemistry. One hour sessions with two members per session. 2015-2016 winter: 14 tutoring sessions. 2016 spring: 17 tutoring sessions. 2016-2017 winter: 8 tutoring sessions 2017 spring: 11 tutoring sessions. | Encourages  Intellectual achievement.  Encouraged development of intellectual leaders.  Promoted the advancement of pharmacy through encouraging scholarship. | 3 | Positive feedback from fellow pharmacy students. Improvements: increasing student awareness, better  communication with faculty for guidance, emphasizing study skills and time management, and creating more  challenging practice questions | 21 | 100+ | $0 Spent |
| College of Pharmacy Events (non-academic) | World AIDS Day Event 11/11/15 | Two members joined representatives from other LECOM pharmacy and medical student organizations to create a memorial quilt (one square per organization with the 2015 motto “We Remember”) to be displayed at the LECOM campus on World AIDS Day (12/1/2015). | Fostered fellowship among members through community service. | 2 | Every year we at least have one member participate | 2 | 270 | $0 Spent |
| Patient Outreach Events/  Community  Service | “Cookies with Santa” 12/5/15-12/3/16 | Volunteered at a holiday event for children at Saint Vincent Hospital: photo with Santa, games, arts and crafts, face painting and snacks including cookies and beverages. | Fostered fellowship among members through community service. | 6 | Members and leaders of this event provided positive feedback. The leaders of the event expressed gratitude for excellent work. | 21 | 150 | $0 Spent |
| Patient Outreach Events/  Community Service | 2016 “Script Your Future” Medication Adherence and Patient Health Education  2/11/16 | Event was held at Life Works (geriatric center in Erie). Three different stations with posters to educate patients about hypertension and medication adherence with at least two students per station. Distributed pill boxes, medication pledge cards, and information on medication adherence. Supervising Pharmacist took blood pressure measurements and provided medication counseling. | Encouraged development of intellectual leaders. Fostered fellowship among members through community service. | 4 | This year we held the event at a geriatric center and took blood pressure measurements. Improvement goals include increasing advertising for the event. | 10 | 25 | $0 Spent |
| Patient Outreach Events/  Community Service | 2017 “Script Your Future” Medication Adherence and Patient Health Education  2/10/17 | Event was held at a health fair at Life Works (geriatric center in Erie). Three different stations with posters to educate patients about hypertension and medication adherence (one station: 4 students passing out information on medication adherence and giving patient education, two stations: 3 students performing blood pressure screenings) | Encouraged development of intellectual leaders. Fostered fellowship among members through community service. | 5 | This year we held the event at a geriatric center and took blood pressure measurements. Improvement goals include increasing advertising for the event. | 10 | 30 | $0 Spent |
| Patient Outreach Events/  Community Service | Hidden in Plain Sight Event  5/15/16, 5/18/16 | Community event (one hour) held at the Millcreek Mall. Educated parents on illegal substances, non-medical use of prescription drugs, drug misuse/abuse and proper disposal of unused or expired medications. | Encouraged development of intellectual leaders. Fostered fellowship among members through community service. | 1 | N/A | 10 | 300 | $0 Spent |
| Fundraising Events | 2015 Save Around Erie Coupon Book Fundraiser  11/16/15-12/4/15 | Coupon book ($20 each) sale for Erie and surrounding cities to the LECOM community and family members (187 books sold). | Fostered collaboration between members. | 4 | Success was measured by the amount of funds raised. We raised more money this year by  increasing the amount of book sales per  member | 21 | N/A | $1496 Raised |
| Fundraising Events | 2016 Save Around Erie Coupon Book Fundraiser  11/8/16-11/28/16 | Coupon book ($25 each) sale for Erie and surrounding cities to the LECOM community and family members. | Fostered collaboration between members. | 5 | Success was measured by the amount of funds raised. We raised more money this year by  increasing the amount of book sales per member | 21 | N/A | $337.50 Raised |
| Fundraising Events | Pharmacy Books Sale  3/14/16-3/18/16 | Joint fundraiser with the Student Society of Health-System Pharmacy (SSHP) to sell two books: Maximize Your Rotations ($25 each) and The Pharmacotherapy Bedside Guide ($35 each). | Fostered collaboration between members. | 3 | Success was measured by the amount of funds raised | 1 | N/A | $38 Raised |
| Fundraising Events | 2016 Chick-Fil-A Fundraiser  7/5/16 | Fundraiser held from 6:30 a.m. until 10:00 p.m. The organization received a 20% donation from the total food sales. Customers handed in a copy of the flyer (or just mentioned the fundraiser) when placing their order. | Fostered collaboration between members. | 1 | Success was measured by the amount of funds raised | 21 | N/A | $43 Raised |
| Fundraising Events | 2017 Chick-Fil-A Fundraiser  4/4/17 | Fundraiser held from 6:30 a.m. until 10:00 p.m. The organization received a 20% donation from the total food sales. Customers handed in a copy of the flyer (or just mentioned the fundraiser) when placing their order. | Fostered collaboration between members | 2 | Success was measured by the amount of funds raised | 21 | N/A | Raised amount not known yet |
| **Gamma Tau Chapter, LECOM School of Pharmacy Activity Table: Bradenton campus** | | | | | | | | |
| Patient Outreach Events/ Community Service | Script Your Future – Love your Body  2/18/17 | Partnered with the Pharmacy Leadership Society to provide blood glucose and blood pressure screenings at a local YMCA gym. | Promotes ethical standards.  Fosters collaboration among student organizations. Community service. | 2 | Feedback from church members indicated the event was successful. Advertising for the event improved and more patients attended than previous. | 10 | 30 | $0 Spent |
| Fundraising Event | UNC Pocket Guides  2/20/17-3/10/17 | Fundraising event held to sell the most recent version of the UNC Pocket Guides ($20 each). | Encourages  Intellectual achievement. Contributes to development of intellectual leaders while on rotations. | 2 | Verbal feedback from students indicated that this event was successful as it greatly benefited students on rotations. | 10 | N/A | $67  Raised |
| Fundraising Event | 2017 Sanford Guide Reference Sale  2/20/17-3/10/17 | Pre-order sale of the 2017 Sanford Guide - Antimicrobial Therapy (print, $22.50 each), Sanford Guide - Antimicrobial Therapy App (1 year subscription, $25 each), and Sanford Guide - Collection App (1 year subscription, $40 each). | Encourages  Intellectual achievement. Contributes to development of intellectual leaders while on rotations. | 1 | N/A | 10 | N/A | $150 Raised |
| Intellectual  Leadership  Activities | Rho Chi Study Hall  2/17/17-5/12/17 | Five hours per Rho Chi member per semester of weekly tutoring sessions for medicinal chemistry/pharmacology, pharmacotherapeutics, pharmaceutics, pharmacokinetics, anatomy-physiology, and biochemistry. Initiated an online tutoring program for Distance Education and Bradenton students. | Encourages  Intellectual achievement.  Encouraged development of intellectual leaders.  Promoted the advancement of pharmacy through encouraging scholarship. | 1 | N/A | 2 | 100+ | $0 Spent |

**Financial/Budgeting (Erie campus and Bradenton campus)**

Every year, the Treasurers of the Rho Chi Gamma Tau Chapter compile a budget for the year’s activities. Determined by the students and faculty advisors, the budget utilizes the previous year’s spending and fundraising as a template, which is modified to include the new member’s plans and expenses. The accomplishments of the chapter could not be possible without guidance from the previous Rho Chi members and LECOM, to which we owe a debt of gratitude.

For the 2015-2016 academic year, Gamma Tau’s Erie campus relied on four sources of funding. Initially, the chapter received $1,200.00 from the LECOM Student Government Association. The members also held three fundraisers; a coupon book sale, book sale, and a Chick-Fil-A fundraiser. Together these events raised $2,800. These funds were used towards the induction ceremony, induction costs and travel to the annual meeting.

For the 2016-2017 academic year, Gamma Tau’s Erie campus relied on four sources of funding. Initially, each incoming member was asked to pay $50 for membership dues which totaled $1,450. The chapter also received $1,000 from the LECOM Student Government Association. The members held two fundraisers; a coupon book sale and a Chick-Fil-A fundraiser. The coupon book fundraiser raised $337.50. At the time this report was written, the Chick-Fil-A fundraiser earnings were not known.

Gamma Tau’s Bradenton campus received $350.00 from the LECOM Student Government Association. The members also held one fundraiser event selling the UNC Pocket Guides and the 2017 and raised a total of $217.

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| Gamma Tau Chapter, LECOM School of Pharmacy Activity Table: Erie campus (2015-2017) | | | | |
| Item | **Amount Debited ($$ spent)** | **Amount Credited ($$ raised)** | **Balance** | **Comment** |
| 10/7/14:  Balance Forward |  | $1175 | $1175 | Balance from last year |
| 12/1/14:  Coupon Book Fundraiser |  | $824 | $1999 | Sold 103 merchant coupon books |
| 12/3/14:  Funds received from Student Government Association |  | $1000 | $2999 |  |
| 1/10/15:  Gift for Induction Ceremony Speaker | $50 |  | $2949 | Gift card in appreciation |
| 3/20/14:  Pharmacy Textbooks Fundraiser |  | $210 | $3159 | Sold books to P1 and P2 pharmacy students |
| 4/15/15:  Bake Sale Fundraiser |  | $88 | $3247 | Members baked and sold for two days |
| 10/9/15:  Rho Chi Chapter Dues | $1755 |  | $1492 |  |
| 10/9/15:  Rho Chi Graduation Cords | $337.50 |  | $1154.50 |  |
| 11/22/16:  Balance Forward |  |  | $3,403.08 | Balance from last year |
| 11/22/16:  Rho Chi Chapter Due |  | $2,247.50 | $1,155.58 |  |
| 11/22/16:  Student Membership Fee | $1,450 |  | $2,605.58 | Students paid $75.00 per person to join Rho Chi |
| 12/5/16:  Coupon Book Fundraiser | $337.50 |  | $2,943.08 | Sold 58 books |
| 12/9/16:  Gift for Induction Ceremony Speaker |  | $30 | $2,913.08 | Appreciation Gift for Speaker |
| 1/12/17:  Faculty Appreciation Gift |  | $50 | $2,863.08 | Gift to thank the faculty that help us out |
| 1/19/17:  Rho Chi Membership Refund |  | $50 | $2,813.08 |  |
| 1/20/17:  Student Government Disbursement | $1,000 |  | $3,813.08 |  |
| 2/10/17:  Induction Ceremony Speaker Refund |  | $107.35 | $3,705.73 | Reimbursed speaker for hotel cost |
| Gamma Tau Chapter, LECOM School of Pharmacy Activity Table: Bradenton campus | | | | |
| Item | **Amount Debited ($$ spent)** | **Amount Credited ($$ raised)** | **Balance** | **Comment** |
| 4/15/16: Balance Forward |  | $2194 | $2194 | Balance from last year |
| 10/21/16: Rho Chi Chapter Dues, Cords, Jewelry | $2170 | $2170 | $2194 | Dues paid my members |
| 12/8/16: Funds received from SGA |  | $350 | $2544 |  |
| 3/1/17: UNC pocket guides |  | $67 | $2611 | Sold UNC pocket books as fundraiser |
| 3/1/17: Sanford Guides |  | $150 | $2761 | Sold Sanford Guides as fundraiser |

**Initiation Function (Erie campus and Bradenton campus)**

The Erie campus held their induction ceremony on Saturday January 7, 2017 at the Ambassador Banquet and Conference Center in Erie, Pennsylvania. The guest speaker was Dr. Gale Edward Garmong, Pharm.D., a clinical/staff pharmacist at Klingensmith’s Drug Stores based in Armstrong County, PA and a member of the Gamma Tau Chapter.

The Bradenton campus held their induction ceremony on Friday, October 21, 2016 at the Polo Grill Fete Ballroom in Lakewood Ranch, FL. The guest speaker was Dr. Bernard Lee, Pharm.D., BCPS, BCPSS, clinical pharmacist at All Children’s Hospital-John Hopkins Medicine, St. Petersburg, FL. Rho Chi faculty advisors and Associate Deans of LECOM School of Pharmacy led the ceremony. The Rho Chi President, Vice President, and Treasurer welcomed the newly inducted members into the fellowship and recognized the officers who will take over the responsibilities of the gamma tau chapter in the upcoming year.

**Evaluation/Reflection (Erie campus and Bradenton campus)**

The Gamma Tau chapter at LECOM School of Pharmacy was successful in achieving the goals of fostering fellowship, becoming a community of scholars, and promoting the advancement of pharmacy through encouragement of sound scholarship. The chapter continued to provide support to the community through service events and health education outreach. Providing the tutoring service for our fellow pharmacy peers garnered much support throughout the year. We leave this chapter to our newly inducted members in hopes they embrace our goals and further the vision of the Rho Chi Society.

**Most Improved Chapter Award**

Some chapters have been relatively inactive in past years, but current students/advisors have made great strides to increase the activities/projects of their chapters. Rho Chi has instituted a designation for the “Most Improved Chapter Award” to recognize such strides. In order to be eligible for this award, a chapter must meet all the basic chapter requirements requested within the chapter annual report. Furthermore, the chapter annual report, names of elected officers, and the name of the chapter delegate to the Rho Chi Society National Office must be submitted to the Rho Chi National Office by the respective deadlines for each of these items. The chapter must send a representative to the Rho Chi Society Annual Meeting. In addition, chapters must have “active” chapter status for at least 2 consecutive years (e.g., new schools must be in at least the third year of chapter activity).

If your chapter would like to be considered for the “Most Improved Chapter Award,” indicate the significant improvement(s) of your chapter below. Limit to one page.

Name of School/College: Lake Erie College of Osteopathic Medicine

Chapter name and region: Gamma Tau, Region II

Name of member submitting statement: Neda Kalali

Name of Chapter Advisor: Dr. Rinita Vaishnav/Dr. Nina Pavaluri

The Gamma Tau chapter at the Erie campus started provided tutoring sessions a few years ago based on the exam schedule and topic for the upcoming exam. A significant improvement at the Bradenton campus this year was the implementation of a unique tutoring program. The Rho Chi Bradenton campus chapter felt strongly about being more active this year, as well as helping fellow classmates, and voted to establish a tutoring program. Along with the traditional material tutoring sessions often entail, the members recognized a need for struggling students to enhance their study skills, critical thinking skills, and information organizational skills. The members created a program that they termed “Rho Chi Study Hall Sessions” that would be made available for students to study alongside Rho Chi members in order. The Rho Chi Bradenton members also voted to implement a mandatory tutoring requirement of 5 hours per semester for each Rho Chi member after induction.

In order to create the tutoring program, the Bradenton campus Rho Chi members partnered with the LECOM School of Pharmacy tutoring program that referred struggling students to the Rho Chi Study Hall Sessions program on a regularly scheduled basis every week on Fridays. These study hall sessions were also made openly available to all first, second, and third year students who wanted tutoring and many students voluntary sought guidance from Rho Chi students during these study halls. These sessions were promoted on various platforms including on campus, e-mail, and on social media in order to reach as many students as possible.

Rho Chi members scheduled themselves in order to make a tutor available in the study hall every week for each of the following topics: medicinal chemistry/pharmacology, pharmacotherapeutics, pharmaceutics, pharmacokinetics, anatomy & physiology, and biochemistry. Overall, the on campus Rho Chi Study Hall Sessions have tutored over 100 students after only being initiated for less than two months.

The Distance Education members also initiated individual online tutoring sessions. These sessions were developedto serve as a convenient platform to reach out to students who are not on campus because they are in the Distance Education Pathway. This online tutoring program was newly initiated but several Distance Education students have already requested and received these free online tutoring services. These online sessions were also created with the goal that Bradenton Rho Chi members would also provide online tutoring to students in the Florida Pathway (Bradenton) who prefer studying off-campus and students who do not feel comfortable in the group environment of a study hall on campus. Our chapter is dedicated to continuing to provide these tutoring programs on a year-round basis on the academic calendar and strives to continue to make improvements to the on campus Rho Chi Study Hall Sessions, the online tutoring platform, as well as fundraisers in the years to come.